

REMARKS

Reconsideration is respectfully requested. Claims 1-8 were present in the application. Claims 1 and 4 are amended herein. Claims 3 and 6-8 are canceled. New claims 9-15 are added.

Objection is made to claim 1. Amendment herein addressed the typographical error noted by the Examiner.

Claims 1 and 4 are rejected under 35 U.S.C. §102(b) as allegedly being anticipated by Koyama et al (US 5940041). Applicants respectfully traverse.

Claims 1 and 4 are rejected under 35 U.S.C. §102(b) as allegedly being anticipated by Ohoka et al (US 6281854). Applicants respectfully traverse.

Claims 1 and 4 are rejected under 35 U.S.C. §102(e) as allegedly being anticipated by Smith et al (US 7123200). Applicants respectfully traverse.

Claims 2, 3 and 5-8 are rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over Koyama et al, Ohoka et al or Smith et al. Applicants respectfully traverse.

Claims 1 and 4 are amended and new claims 9-20 are added. Support for the amendments to claim 1 and 4 and lanuage of new claim 13 is found in the specification as filed, in paragraphs 0035, 0041 and 0046, for example, reproduced below for ease of reference:

[0035] As shown in FIGS. 3 to 7, the L/C element can be changed in position, thereby easily adjusting the resonant frequency and not only easily adjusting a bandwidth at each resonant frequency, but also adjusting the number of the resonant frequency.

[0041]As shown in FIGS. 9 to 12 and 13 to 16, the inductance and the capacitance are varied, thereby easily adjusting the resonant frequency at a frequency of 1 GHz and not only easily adjusting the bandwidth at each resonant frequency, but also adjusting the number of the resonant frequency.

[0046]As shown in FIGS. 18 to 20, the plurality of L/C elements are attached and their inductance and capacitance are varied, thereby easily adjusting the resonant frequency and not only easily adjusting the bandwidth at each resonant frequency, but also adjusting the number of the resonant frequency at a predetermined bandwidth.

Support for new claims 11, 12, 18, 19 and 20 is found in the specification as filed at paragraphs [0042] - [0044] and FIG. 17.

Applicants respectfully traverse the rejections. Adjusting the number of bands is not disclosed or suggested by the cited references. Further, the technique of attaching an inductor on a slot line is not disclosed or suggested in Koyama et al, Ohoka et al, or Smith et al.

Claims 1, 4 and new claim 13 all include the concepts of: at least one L/C element (claim 1), L element (claim 4), L element (claim 13) is attached and detached to a slot line of the antenna to match a adjust the resonant frequency, a bandwidth at each resonant frequency, and the number of the resonant frequencies of the antenna. Since these are neither taught nor suggested by Koyama et al, Ohoka et al, or Smith et al, claims 1, 4 and 13 are submitted to be allowable. Claims 2, 5, 9-12 and 14-20 all depend from either claim 1, 4 or 13 and are also submitted to be allowable, providing further definition and distinguishing features.

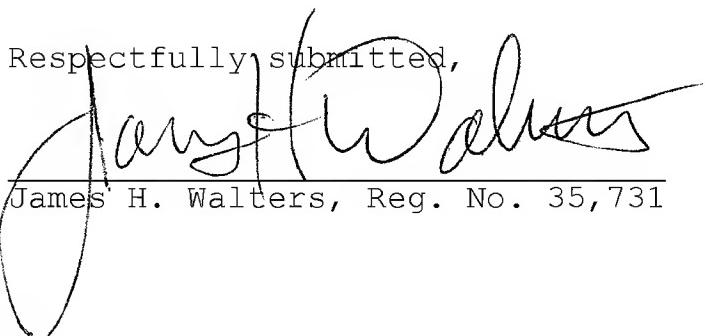
Therefore, it is respectfully submitted that the Examiner's application of Koyama et al, Ohoka et al, or Smith et al, whether alone or in combination, would not result in teaching or suggestion of applicants' claims .

In light of the above noted amendments and remarks, this application is believed in condition for allowance and notice

thereof is respectfully solicited. The Examiner is asked to contact applicant's attorney at 503-224-0115 if there are any questions.

It is believed that no further fees are due with this filing or that the required fees are being submitted herewith. However, if additional fees are required to keep the application pending, please charge deposit account 503036. If fee refund is owed, please refund to deposit account 503036.

Respectfully submitted,

  
James H. Walters, Reg. No. 35,731

Customer number 00802  
patenttm.us  
P.O. Box 82788  
Portland, Oregon 97282-0788 US  
(503) 224-0115  
DOCKET: I-246 (KHS-0354us)

Certification of Electronic Transmission

I hereby certify that this correspondence is being electronically transmitted to the Patent and Trademark Office via the EFS system on this April 22, 2011.

